

Nucleotide Sequence of the Clone #10

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	;	100	200	300	400	200	009	700	800	900	1000					1400	1500	1600		1800	900			7077	2116	
		TACCATTCAG	ACCCGTCCAA	GGGGTAATCC	GGAACCTTCA GAGGCACTCG	CAATCAAGAT	GAGATAATGA	TICTINGGACA	CTCTGAGAAT	CTGAAGAAA AGATCCTGAG	TICTATCAAA			Tallencon Park	STATE OF THE STATE	ATTGGAGACA	CGAITICIGCC	AGTACTTGGA	GCCATGTACC		Johnstein			117101014		1 100
-				ICCITICIAL	GGAACCTTCA	AGCCGGTTTC	AAATGGAAAA AGAARGCTTG	TITAGITICIG	GAGGACAGAA ATTGTTAATC CTCTCAGAAT		AAAAGGTACA AGATTGTTAC	CAGTAACCTG AAATTTGCAG	AATTAGATAT AACAGATTT	GATCEGGACA CEAGCTGGAA AAACAA	DW-DW-DW-W-	CALITYCHA AGACITACCC CGACIGGGAG	ATGGGAAGGA	GRAGTAGGAG	CCATATATET	TIGCAICTEA	AACAAATTOL	TAATTACTTCA				<u>. </u>
_	 404 404 50	ATTOCK PORCE		NGG NG MALLE	CIUTACOCAT	GCATCAFIGC	AAATGGAAAA	Trattikget	GAGGACAGAA	GGALTTACCT	AAAAGGTACA	CAGTAACCTG	AATTAGATAT	CCAGCTRGBA		AGACTTACCC	TTIGICAAGT	CCCAAGTCMC CCMTGSCCCA	CTTTCTGATG	CAAAGAAACT GGAAGGCAGA GTCCCTPAACG	ATCCTTCAGA AAAGGAIGCC ICTGTTTBAB AACBABITTBC	TGGTTTTTTA AGAAGICTAA ATGAAGFTAT	GTCCATTGAG			08
-	ORCHEROCER (CTCTGTCAGC CCAGTCTCTA	CTOTATON ACTION	ST TRUED TOO			T: CCA: CCAA	Traticike	AAGAGCTACT	AAAAGGIGGA GGCIGCAICA	TCAGCAGGTC	CITITIATICAA	CCTTCTCTGG	GATCCGGACA			CTATGTTGCT		ACGAAGACTG	GGAAGGCAGA	AAAGGATGCC	AGAAGTCTAA	GCCTCTTTTA	•		0.
100	CCTGTGAACT	CTCTGTCAG	CATACHITY A HEIR	CHICABACAMO				G: ACTCAACC	WIGHTHANCE	AAAAGGTGGA	AAAAATAAGA	TTAGAATGGT	AAAAATTTTT	ATCCTACGAC	AACOTAGE	101000000	AAACAAGCCA	TCAACATTCC	AAGGCTGTGC	CAAAGAAACT	ATCCTTCAGA	TGGTTTTTTR	GAACTITAAA			-
09	CCAGCCTCCT	AGTCCACT-PT		TGGACTCGGA	CHEABCEACTOR	TOWNSHIP TO HOUSE OF THE PARTY	OMMOTRE-1:16	TIGKTACTTA	Acaatattut	AAAATACTTG	AACCTTTGCT	TCAGCAGTTG	AAACTATTIA	GAGTGTAAGA	TCATABATIA		CICICCATAG	TCAGAATGGC	GGAGAATCCC	TCGGGAAAGG	Teresteric	ATGTTTGTGT	TTLAATTGTC		•	- 20
- 50	CACCACCACT	TATTGGCCAC	AACTCACATG	AAGTOCTOGC	GTTTGTCAAA			ALTRUMATIC	AAACGATGTT	CAAAAATTAT GAAACTGAGG AAAATACTTG	TATCATATT TTBAGGTAG	AAAGITGGCG ITCCCACAAT	CICGATITICG AAAAGACTIT	TECAATOTAT GAGTGTAAGA	CTTCATCCGA AGAGGCTGAA TCATABATTET	A contract of the contract of	ATTICCION	GGGATGGTGG	TGSAWIYCCT TGGACTCCCA GGAGAATCCC	GTACAAATAA CTGGGGGTCA TCGGGAAAGG	TCGATGTCTT	TCTAGAAAGT	AGCATACAAT			- 40
, 40 –	1 GCCACGAAGG CCCAGACTIF GACCGTICIT	CCAATGGAAG	GCCTCCTGGG	GGACTGAATG	AGAAGCCCT			71560000777					CICGATITICG	GTGGAGGGCT		R.F.B. TVC B. CHETT	ATAICSAGII ATTIGGIST	1501 TESCHUITET THEBACAGEA TEGECGATEC GGGATGGTGG	TGSAWITYCCT	GTACAAATAA	TTGCCGGCAA	CATITITICAC	TATTITITICA AGCATACAAT		-	er -
30	CCCAGACTTF	ATGCCCAATA	201 GAGAGTCCAC CCTTGGCCAT	301 GTTGGATCGG TCAGCCACCA	401 GEATTICACC TGTGCCCTGA	501 TGAGCGCTGT AACTCTTTTAG	AAGAAAGGG		יין ואמארוכר	Greistecea	ATALTCIGIT	AAAAAATGAG					CC110CLAGA	TTGGACAGCA		CAATGAGTTT	1801 GCAGTTCTGT TCACGGTCCA TTGCCGGCAA	Taataagaag		AAAAA		-
70	GCCACGAAGG	101 TCTCACCAAG ATGCCCAA	GAGAGTCCAC	GTTGGATCGG	GTATTICACC	TGAGCGCTGT	601 TTGGGGAARG AAGAAGG	OCAL MONTH CATALOGUE AND 107	משלים מינים	601 STATEGRIAT GREIGIGE	901 GARPICTIGA ATAPICTIGIT	1001 TTTTTATGGA AAAAATG	ATGTCTGATT	1201 CCCCAGACAG TGCCGGATAT	1301 CCTGCAACAC TCAAGTCCAC	CGGCTGCATC	710000	TGGCTCTTCT	1601 AGAIGICICC IGGAAGACCC	1701 CAGAGICCAA CAAIGAGIII	GCAGITCIGI	1901 CTGAAGTAIT TAATAAGAAG	2001 TAAGTGCATT GATCATATGA	2101 CTTTATGGAA AAAAA	-	-
97	7	101	201	301	401	501	601	701	1 6	700	106	1001	1101	1201	1301	1407		TACT	1601	1701	1801	1901	2001	2101		

30,



8 148 500 CCGTTGGATC GGTCAGCCAC CAGGACTGAA TGAAGTGCTC GCTGGACTGG 2000 1001 AACTOGAAGA TGAGTGTGCA GGCTGTACGG ATGGAACCTT CAGAGGCACT CGGTATTTCA CCTGTGCCCT GAAGAAGGCG CTGTTTGTGA AACTGAAGAG 2100 1101 CTGCAGGCCT GACTCTAGGT TTGCATCATT GCAGCCGGTT TCCAATCAGA TTGAGCGCTG TAACTCTTTA GCATTTGGAG GCTACTTAAG TGAAGTAGTA 2200 CAACCITATT CIGCITATIT GCITITAGIT CIGITCIGGA CACIGIGITA CITAGACCCA AAGAAAAGAA CGAIGTAGAA TATTATAGIG AAACCCAAGA 2400 8 00) GAAGAAGGTC GTGGTCAAGG TITCACTGAC GGGGTGTACC AAGGGAAACA GCTTTITCAG TGTGATGAAG ATTGTGGCGT GTTTGTTGCA TTGGACAAGC 1100 GCCAGGAAAA GAAAGCTTAG GATATTTTGT TGGTGTGGGAC 1300 TICICIGICA GCCCAGICIG TAATGGAAGA GCIAAACACT GCACCCGICC AAGAGAGICC ACCCTIGGCC ATGCCICCTG GGAACTCACA TGGICTAGAA 1900 I GOGGITITICI ITTACACITC TICGGIAGOG AACTOGGATO CACTAGTAAC GGGCOGOCAG TGTGCTGGAA ATTOGGCACG AGGGTGTGGG GAGCCGGGGC 100 101 TAGAACTCAT AGAAGATGAT GACACTGCAT TGGAAAGTGA TTACGCAGGT CCTGGGGACA CAATGCAGGT CGAACTTCCT CCTTTGGAAA TAAACTCCAG 1200 401 TCATCCCAGA GAGTGTGACG CAGGAAAGGA GGCCTCCCAA ACTTGCCTTT ATGTCAAGAG GTGTTGGGGA CAAAGGTTCA TCCAGTCATA ATAAACCAAA 1500 CATCTTAATA CAACATGGAC ACCACGTTGC TGAAAACATG ACTIGCTICT TCAAGAATGC AGGGTTACAG ACAAACAAAC GGGGCATTCA AGGATTCCTT CTGCAAAAGG CAAGAAAAT CACAACCACA ATCCAAATCA GCCTCCAAAT AGACGTGGGC TGTCCTGTGA AAGTACAGCT 801 GAGATCTGGG GAAGAAAAT TTCCTGGAGT TGTACGCTTC AGAGGACCCC TGTTAGCAGA GAGGACAGTC TCCGGAATAT TCTTTGGAGT TGAATTGCTG GCGTGTGTTG AAAGTACAAT TCTATTGCAC ATCAATGATA CTCCAGCCTC CICCIGIGAA CICACIGACC ACCGAGAACA GAITCCACIC ITIACCAITC AGICICACCA AGAIGCCCAA TACCAATGGA AGIATTGGCC ACAGICCACT 2201 GAAGAAATA CTCCACCAAA AATGGAAAAA GAAGGCTTGG AGATAATGAT TGGGAAGAAG AAAGGCATCC AGGGTCATTA CAATTCTTGT TACTTAGACT GTTGTAGAGA TAAATGAAAA GTTCACAGAG TTACTTTTGG GGTTCTACAC TCCTGATCAT TGAAGTTAAT TTCACCACCA GGGTGAGGAT **AAAACATATT** ATTAGTATTT 1301 GGCTACAGGA TCTACCTCAG ACCCTGGAAA TAGAAMCAGA TCTGAATTAT TTTATACCTT AAATGGGTCT TCTGTTGACT AAAAATACAT GGTACATTGA TGAAGTTGCA GAAGACCCTG CAAAATCTCT TACAGAGATA TCTACAGACT TTGACCGTTC CCTTTTTTGA CCCCTTTCTA **ATTTTCATGT** CGCCCGGGG CGCGGGCTGG GGAGCCGGGG CGAGGGGGGG CGCCCCGCCG CCCGAGTTTC **AATCTTTAAC** 801 TCTTCATGGA AAATTGATAA ATATTTGTGC CTTCCAACTC TCGTCTTGGT TGAATGACTT IO CAATTACCAA TTGTGAGGAG AGGTTCAGCC TGTTTAAAAA CAGAAACAGA CTAAGTAAAG 101 CTITIGGGACT GCCACTGAAT TTATCITITIG CGGTTTTATG ACAAAGTTAT TAGTAGTTTC 201 AGTITICITTO AAGGGTGGAG AAACAATAGA ATCTGGAACA GITATATICT GTGATGTTTT 801 GTTCAGGCTT ATGGAGCCAA GAAAAGTCA CTTCACCCTA CTGGGAAGAG CGGATTTTTT 301 ACAAAAGCTC CTTAAAGTAC CGAAGGGAAG TATAGGACAG TATATTCAAG ATCGTTCTGT 101 CAGATTGGAT TAAAAATTCT AGAGCAACCT CATGCAGTTC TCTTTGTTGA TGAAA.GGAT 301 ATGGATAACC CTATTGGCAA CTGGGATGGA AGATTTGATG GAGTGCA:CT TTGTAGTTTT 201 AGTICCTTAG TIGAAAGGTG CGCCCTGCTG TGACAGAATG TGGTAATTGT GTGGGCTCAT TGGCTGAAGT TAAGGAGAAC CCTCCTTTCT ATGGGGTAAT 801 101 Sheet 2 of 4

1701 GAGAATGTAA ATAAA



TCTGCATAGA AACAAGCCAC3100 3301 GCTTTGTGAT GCATATATOT GCATGTACCA GAGTCCAACA ATGAGTTTGT ACAAATAACT GGGGTCATCG GGAAAGGCAA AGAAACTGAA GGCAGAGTCC 3400 GTGGAAGTTT AAAGCCTCTT TTAGTCCATT 3700 3101 TATGTTGCTT TTGTGAAGTA TGGGAAGGAC GATTCTGCCT GGCTCTTCTT TGACAGCATG GCCGATCGGG ATGGTGGTCA GAATGGCTTC AACATTCCTC 3200 3201 AAGTCACCCC ATGCCCAGAA GTAGGAGAGT ACTTGAAGAT GTCTCTGGAA GACCTGCATT CCTTGGACTC CAGGAGAATC CAAGGCTGTG CACGAAGACT 3300 ATGATCCTTC AGAAAAGGAT GCCTCTGTTT 3500 TTAAGAAGTC TAAATGAAGT 3600 2401 GCTACTGAGG ACAGAAATTG TTAATCCTCT GAGAATATAT GGATATGTGT GTGCCACAAA AATTATGAAA CTGAGGAAAA TACTTGAAAA GGTGGAGGCT 2500 GGGTAGAACC TITGCTAAAA ATAAGATCAG 2600 CACAATICAG CAGITGITAG AATGGTCITT 2700 2701 TATCAACAGT AACCTGAAAT TTGCAGAGGC ACCATCATGY CTGATTATTC AGATGCCTCG ATTTGGAAAA GACTTTAAAAC TATTTAAAAA AATTTTCCT 2800 2801 TCTCTGGAAT TAAATATAAC AGATTTACTT GAAGACACTC CCAGACAGTG CCGGATATGT GGAGGGCTTG CAATGTATGA GTGTAGAGAA TGCTACGACG 2900 290I ATCCGGACAT CTCAGCTGGA AAAATCAAGC AGTTTTGTAA AACCTGCAAC ACTCAAGTCC ACCTTCATCC GAAGAGGCTG AATCATAAAT ATAACCCAGT 3000 3001 GTCACTTCCC AAAGACTTAC CCGACTGGGA CTGGAGACAC GGCTGCATCC CTTGCCAGAA TATGGAGTTA TTTGCTGTTC 3301 AAAAACAAAT TGCTTTTGTG TCCCTGAAGT ATTTAATAAG AAGCATTTTG CACTCTAGAA AGTATGTTTG TGTTGGTTTT 1601 CAGGTCAAAA GGTACAAGAT TGTTACTTCT ATCAAATTTT TATGGAAAAA AATGAGAAAG TTGGCGTTCC 3401 TAACGTTGCA TCTTATTCGA GCTGGCAGTT CTGTTCACGT CCATTGCCGG CAATGGATGT CTTTGTGGTG GGAAGCATAC AATTITAATT 2501 GCATCAGGAT TIACCTCTGA AGAAAAGAT CCTGAGGAAT TCTTGAA1AT TCTGTTTCAT CATAITITAA 601 TATTAATACC TGAAGCTITA AGTTAAGTGC ATTGATCATA TGATATTTTT

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200 500 800 900 009 700 300 400 001 957 OLFQCDEDCG WIGOPPGLNE VDEDVYEINE EISTDFDRSS KKKCI QGHYN FHIIRVEPL LLEDTPROCR ICGGLAMYEC SMADRDGGON CSFACVESTI ILEOPHAVLF GFTDGVYQGK KOPEEFLNIL KDDSAGLFFD ENPPFYGVIR VAEDPAKSLT EKEGLEIMIG NWDGREDGVL ELFAVLCIET SHYVAFVKYG SLAFGGYLSE VVEENTPPKM GKDFKLFKKI FPSLELNITD SVGHSRIPSA KGKKNQIGLK LAMPPGNSHG LEVGSLAEVK MKLRKILEKV EAASGFTSEE ERTVSGIFFG VELLEEGRGQ LPGKESLGYF VGVDMDNPIG GSSVDSQPQS KSKNTWYIDE WRFRGPLLA GSIGQYIQDR RRSELFYTTIN NTAPVOESPP RHGCIPCONM IYGYVCATKI SCLI IQMPRF ESGIVIFCDV PVSNQIERCN PTMSLYK LRTEIVNPLR **OTOKLIKVPK** LASGEEKFPG ATGSTSDPGN LSAQSVMEEL RPDSRFASLQ NSNLKFAEAP LPKOLPDWDW RVSLKGGETI CDAYMCMYQS IDVGCPVKVQ KALFVKLKSC LLQECSVTDK MGSIGHSPLS VEYYSETQEL RIQGCARRLL VELPPLEINS RLNHKYNPVS KGSSSHNKPK ICOLLEWSFY NRNRLSKGLQ VLLRPKEKND PYWEERI FYL CNTOVHLHPK LAFMSRGVGD GTRYFTCALK DYAGPGDTKD PESLTKMPNT LEDLASLDSR ERMERVGVPT NCEERFSLFK GLMSQEKVTS IEDDDTALES SVTQERRPPK LTTENRERSL CAGCTDGTFR LFAESSVLDT PEVGEYLKMS QDCYFYQI EM AGKIKOFCKT 101 KFTELLLAIT 801 RECYDDPDIS 301 LLHINDIIPE 401 PPLOPPVNS 601 SCYLDSTLFC 701 LKIRSAGOKV VLAGLELEDE 901 GENIPOVIPC FVALDKLE1.

Fig. 3